

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
18 September 2003 (18.09.2003)

PCT

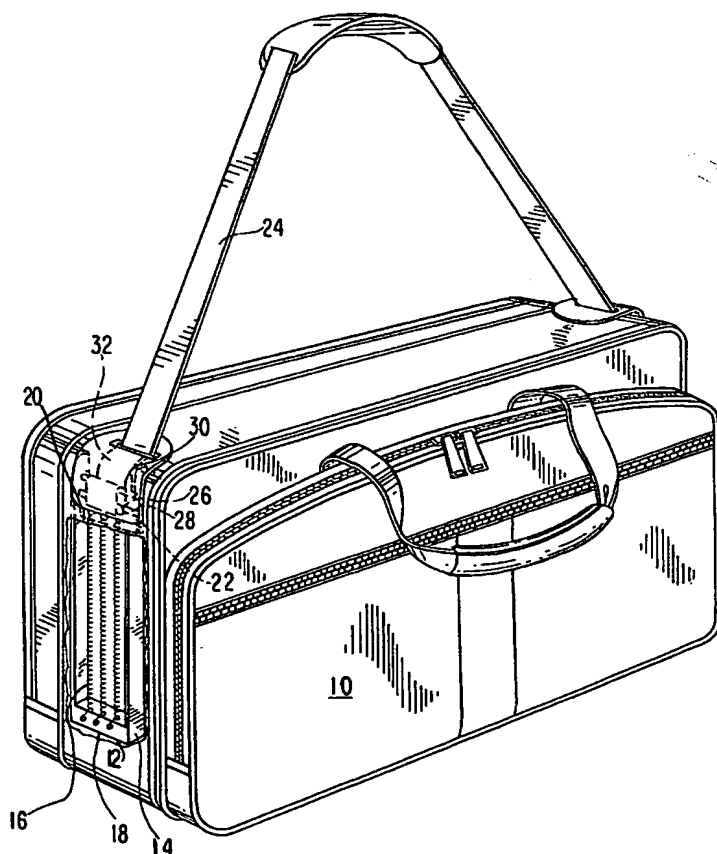
(10) International Publication Number
WO 03/075705 A1(51) International Patent Classification⁷: **A45C 15/00**(21) International Application Number: **PCT/US03/07362**(22) International Filing Date: **6 March 2003 (06.03.2003)**(25) Filing Language: **English**(26) Publication Language: **English**(30) Priority Data:
60/362,480 6 March 2002 (06.03.2002) US(71) Applicant (for all designated States except US): **UNITED STATES LUGGAGE, L.P.** [US/US]; 400 Wireless Boulevard, Hauppauge, NY 11788 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KRULIK, Richard,****J.** [US/US]; 9 Plymouth Road, Dix Hills, NY 11746 (US). **REKUC, Richard J.** [US/US]; 3 Hilltop Court, Pattenburg, NY 08802 (US). **KONRAD, Karl, Jr.** [US/US]; 374 Daniel Street, Allentown, PA 18104 (US). **REKUC, Steven, J.** [US/US]; 325633 Georgia Tech Station, Atlanta, GA 30332 (US).(74) Agent: **CATANZARO, Joseph, J.**; Abelman, Frayne & Schwab, 150 East 42nd Street, New York, NY 10017-5612 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: **RETRACTABLE SHOULDER STRAP FOR CARRYING CASE**

(57) Abstract: A retractable carry strap (12) for carrying cases (10) such as luggage, suitcases, or briefcases, wherein the retractor device is in the form of compact spring biasing compartments (12) are provided to apply resilient retraction forces (10) to the carry strap to return it to a position in close proximity to the carrying case and to store strap retracting energy when the shoulder strap is extended away from the carrying case.

WO 03/075705 A1